

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gjalt W. Huisman, Laura Z. Luo, Oliver P. Peoples

Serial No.: Continuation of 09/456,940 Art Unit: Not Yet Assigned

Filed: June 27, 2003 Examiner: Not Yet Assigned

For: *MICROBIAL STRAINS AND PROCESSES FOR THE MANUFACTURE OF BIOMATERIALS*

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit an Information Disclosure Statement, including six (6) pages of Form PTO-1449. All of the documents cited below were cited by or submitted to the Patent Office in Application Serial No. 09/456,940, filed December 7, 1999, to which the present application claims priority. Pursuant to 37 C.F.R. §1.98(d), Applicants are not enclosing copies of these publications. Copies will be provided upon request, however.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) prior to a first Office Action on the merits. It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-1868.

U.S. Patents

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
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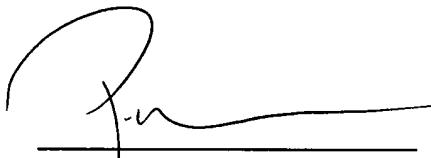
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Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,



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Dated: June 27, 2003

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Substitute for form 1449A/PTO				Completeness If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number Continuation of 109/456,940	
				Filing Date June 27, 2003	
				First Named Inventor Gjalt W. Huisman	
				Group Art Unit	
				Examiner Name	
Sheet	1	of	6	Attorney Docket Number	MBX 025 DIV CON

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		4,326,052		Kang, et al.	04-20-1982	
		4,336,334		Powell, et al.	06-22-1982	
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		4,385,126		Chen, et al.	05-24-1983	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
		EP	0 176 320	Eli Lilly & Co.	04-02-1986		
		PCT	WO 91/13207	Pulp & Paper Research Institute of Canada	09-05-1991		
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		PCT	WO 95/10614		GX Biosystems A/S	04-20-1995	
		PCT	WO 95/34643		Wackernagel	12-21-1995	
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Sheet	3	of	6
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U.S. PATENT DOCUMENTS

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OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		AHRENHOLTZ, et al., "A conditional suicide system in <i>Escherichia coli</i> based on the intracellular degradation of DNA," <i>Appl. Environ. Microbiol.</i> 60(10): 3746-3751 (1994).
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		DOUGHERTY & VAN DE RIJN, "Molecular characterization of <i>hasA</i> from an operon required for hyaluronic acid synthesis in group A streptococci," <i>J. Biol. Chem.</i> 269(1): 169-175 (1994).
		FIALHO, et al., "Conjugal transfer of recombinant plasmids into gelan gum-producing and non-producing variants of <i>Pseudomonas elodea</i> ATCC 31461," <i>Lett. Appl. Microbiol.</i> 12(3): 85-87 (1991).
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OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
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		LIEBL, et al., "Expression, secretion, and processing of staphylococcal nuclease by <i>Corynebacterium glutamicum</i> ," <i>J. Bacteriol.</i> 174(6): 1854-1861 (1992).
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		PEOPLES, et al., "Poly-β-hydroxybutyrate (PHB) biosynthesis in <i>Alcaligenes eutrophus</i> H16. Identification and characterization of the PHB polymerase gene (phbC)," <i>Biol. Chem.</i> 264(26): 15298-15303 (1989).
		PEOPLES & SINSKEY, "Fine structural analysis of the <i>Zoogloea ramigera</i> phbA-phbB locus encoding β-ketothiolase and acetoacetyl-CoA reductase: nucleotide sequence of phbB," <i>Mol. Microbiol.</i> 3(3): 349-357 (1989).
		POIRIER, et al., "Production of polyhydroxyalkanoates, a family of biodegradable plastics and elastomers, in bacteria and plants," <i>Bio/Technol.</i> 13: 142-150 (1995).
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Continuation of 09/456,940
Filing Date	June 27, 2003		
First Named Inventor	Gjalt W. Huisman		
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Examiner Name			
Sheet 6 of 6	Attorney Docket Number		MBX 025 DIV CON

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		SAMBROOK, et al., <u>Molecular Cloning, A Laboratory Manual</u> , 2 nd ed., Cold Spring Harbor Laboratory Press: New York (1992).	
		SHORTLE, "A genetic system for analysis of staphylococcal nuclease," <i>Gene</i> 22(2-3): 181-189 (1983).	
		SPRATT, et al., "Kanamycin-resistant vectors that are analogues of plasmids pUC8, pUC9, pEMBL8, and pEMBL9," <i>Gene</i> 41(2-3): 337-342 (1986).	
		VAN DER KOOIJ, et al., "Growth of <i>Pseudomonas aeruginosa</i> in tap water in relation to utilization of substrates at concentrations of a few micrograms per liter," <i>Appl. Environ. Microbiol.</i> 44(5): 1086-1095 (1982).	
		WELLS, "Extracellular microbial polysaccharides - a critical overview," in <u>Extracellular Microbial Polysaccharides</u> (Sanford, et al., eds.) ACS: Washington, DC, pp. 299-313 (1977).	
		WILLIAMS & PEOPLES, "Biodegradable plastics from plants," <i>CHEMTECH</i> 26: 38-44 (1996).	

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